

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 11/18/03

AGENDA ITEM 3

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Hesperian Booster Pump Station Project: Authorization for Increase in additional Professional Services, Approval of Plans and Specifications and Call for Bids

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolution authorizing an increase in additional Professional Services and approving plans and specifications and calling for bids to be received January 20, 2004.

BACKGROUND:

The new Hesperian Booster Pump Station is located at Hesperian Blvd. and Industrial Blvd. along the City's 42" Hesperian Aqueduct. It will provide approximately 30,000 gallons per minute of potable water to meet the City's year 2020 maximum day demand and will enhance the reservoir filling capacity to maintain system water pressure for fire fighting capabilities for the entire City.

This project will also include the demolition of an existing outdated well pumping station and storage buildings located on the same site. It will also construct a new wall and landscaping surrounding the existing City-owned property that will complement the Eden Shores development to the south.

The existing communication equipment used by the Police and Fire Departments, which are housed within the existing storage building, will be relocated to a new 10 ft. by 12 ft. prefabricated building, which will be constructed prior to the construction of the pump station project. In addition, a Police Department Impound Vehicle Storage Lot will be constructed adjacent to the pump station site as part of this project.

On November 13, 2001, Council approved the execution of a consultant agreement with Carollo Engineers to provide professional services for the project. The agreement contains a not-to-exceed limit of \$700,000, which includes \$70,000 for additional services. During this design effort the City, East Bay Municipal Utility District (EBMUD) and San Francisco Public Utility Commission (SFPUC) conducted a feasibility study of connecting the SFPUC water system and EBMUD water system to provide a regional water system intertie during an

emergency. This later became the Regional Water System Intertie Project. An amount of \$30,000 allocated in the Hesperian Pump Station project was spent on the feasibility study, but has been fully reimbursed by EBMUD and SFPUC. Therefore, Staff requests an offsetting increase in the not-to-exceed amount to \$100,000 for additional services with a total not-to-exceed limit of \$730,000 for the entire contract with Carollo Engineers. This action will not result in an actual increase in this project's cost as the funds have been paid back by SFPUC and EMBUD, as mentioned above.

In addition to its original intended purposes, the Hesperian Pump Station has been designed to be used as part of the Regional Water System Intertie in an emergency. In order to do so, certain modifications have been made in the design of the pump station, such as adding two variable frequency drive pumps and relocation of an existing pressure reduction valve. The construction cost for these modifications has been estimated at \$500,000. This cost will be reimbursed by EBMUD and SFPUC per the Intertie Project Agreement and are budgeted in the Regional Water Intertie Capital Fund.

Environmental Review:

The pump station project is Categorically Exempt from environmental review under California Environmental Quality Act (CEQA) Section 15302 (Replacement or Reconstruction). Project implementation would be the replacement of existing pump station, replacement of existing storage building, relocation of pressure reducing valve, and associated piping system and pumping equipment. On December 4, 2002, a notice of exemption was filed and recorded at the Alameda County Clerk's office. Also, on June 11, 2003, a public meeting was held with the neighbors and residents at Lorin Eden Elementary School to explain the project. No public comments were received during the meeting.

Project Cost:

Design for Pump Station	\$ 730,000
Environmental Assessment and Pre-design Study	\$ 100,000
Construction Cost	\$ 8,000,000
PG&E Connection Cost	\$ 80,000
Inspection ,Testing & Administration	\$ 150,000
Police Communication Building and Equipment Relocation	\$ 85,000
Total:	\$ 9,145,000

Funding:

The 2003-04 Capital Improvement Program includes a total of \$8,528,000 in the Water System Capital Improvement Fund and the Regional Water Intertie Capital Fund for the Hesperian Booster Pump Station Project, of which \$6 million of this total, is scheduled to be raised through proceeds of long term bond financing. An additional \$90,000 in the Capital Improvement Fund is available for the Police Impound Vehicle Storage Lot. As previously indicated \$530,000 will be reimbursed by SFPUC and EBMUD. Remaining needed funds are

available in the Water System Operating Fund balance. An additional appropriation, if needed, will be requested at award.

Authorization for the sale of the \$6 million certificates of participation to fund this project is scheduled for Council action on December 16, 2003.

Schedule:

The following tentative project schedule has been developed for this project:

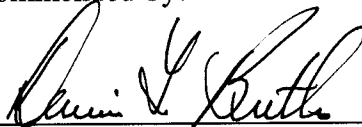
Approval of PS&E and Call for Bids	November 18, 2003
Bid Opening	January 20, 2004
Award Construction Contract	February 17, 2004
Begin Construction	March 1, 2004
Construction Completion	May 2005

Prepared by:



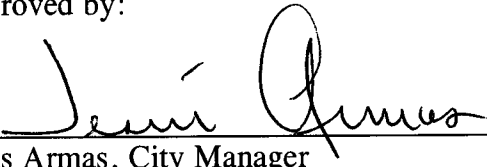
Alex Ameri, Deputy Director of Public Works

Recommended by:



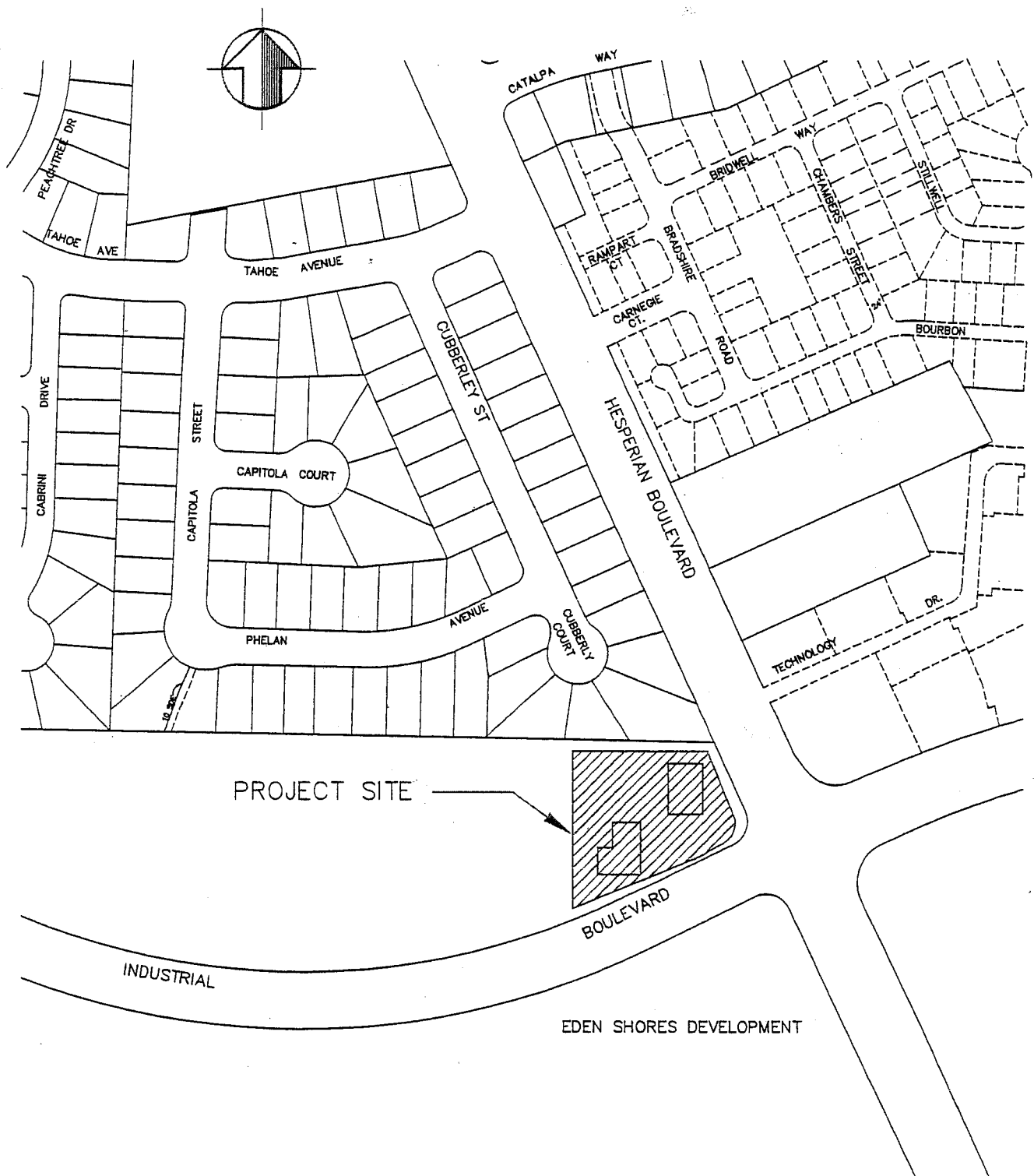
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map



PROJECT LOCATION MAP

HESPERIAN BOOSTER PUMP STATION PROJECT

PROJECT NOS. 622-7144 and 410-6944

EXHIBIT "A"

DRAFT

04
11/4/03

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS
FOR THE HESPERIAN BOOSTER PUMP STATION
PROJECT, PROJECT NOS. 7144, 7091 AND 6944, AND
CALL FOR BIDS AND FURTHER AUTHORIZING AN
INCREASE IN ADDITIONAL PROFESSIONAL SERVICES
AGREEMENT WITH CAROLLO ENGINEERS

BE IT RESOLVED by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for the Hesperian Booster Pump Station Project, Project Nos. 7144, 7091 and 6944, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project; and
2. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law; and
3. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 "B" Street, Hayward, California 94541-5007, up to the hour of 2:00 p.m. on Tuesday, January 20, 2004, and immediately thereafter publicly opened and declared by the City Clerk in the Public Works Conference Room, fourth floor, City Hall, Hayward, California; and
4. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same.
5. That this project is categorically exempt from the provisions of CEQA.

BE IT FURTHER RESOLVED that the City Council of the City of Hayward hereby authorizes an increase for additional services in its agreement for professional services with Carollo Engineers, from \$70,000 to \$100,000, to offset the \$30,000 paid for a feasibility study which resulted in the incorporation of the Hesperian Pump Station as part of the Regional Water System Intertie Project.

IN COUNCIL, HAYWARD, CALIFORNIA_____, 2003

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:_____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward